

ROKAS, S. I. Cand Tech Sci -- "Evaluation of grounds in passability tests of
automobiles." Khar'kov, 1961 (Min of Higher and Secondary Specialized Education
UkSSR. Khar'kov Motor Vehicle and Road Inst.). (KL, 4-61, 200)

233

ROKAS, S.I., inzh.

Methods for evaluating the moving capacity of self-propelled machines
with pneumatic tires. Stroi. i dor. mashinostr. 5 no. 5:14-16 My
160. (MIRA 14:4)

(Earthmoving machinery)

Rokatyan, Ye. S.

"Investigation of the Pressure on the Rolls in Cold Rolling", Candidate
Dissertation at Moscow Institute of Steel, 1944.

CSILLAG, Miklos, dr.; HORVATH, Ferenc, dr.; KARPATI, Miklos, dr.; ROKAY,
Edit, dr.

Disorders of the menstrual cycle and osteoporosis. Osteoporosis with
normal and increased estrogen excretion. Orv.hetil. 101 no.29:
1024-1025 17 Jl '60.

1. Budapesti Orvostudomanyi Egyetem, II. sz. Női Klinika, Rontgen
Klinika és Ideg- és Elmeklinika.
(OSTEOPOROSIS urine)
(ESTROGENS urine)
(MENOPAUSE compl)

RUKENSHEYN, E.

Mechanism of heat and mass transfer in a fluidized bed. Zmbr.prikl.,
khim. 35 no.1:70-80 Ja '62. (MIRA 15:1)

1. Bukarestskiy politekhnicheskiy institut.
(Fluidization) (Mass transfer) (Heat--Transmission)

AGRANOWIK, Ye.Z., kand.tekhn.nauk; BELOV, A.N., dotsent; GLADKOV, A.M., inzh.; GLUSKIN, S.A., inzh.; IVANOV, L.V., dotsent, kand.tekhn. nauk; LIPKIN, Ye.V., kand.tekhn.nauk; NIKIFOROV, G.N., dotsent, kand.tekhn.nauk; PESENSON, I.B., inzh.; PREGER, Ye.A., dotsent, kand.tekhn.nauk; PYATOV, Ya.N., inzh.; ROKHCHIN, Ye.Z., inzh.; FEDOROV, N.F., prof., doktor tekhn.nauk; SHVARTS, R.B., inzh.; SHIGORIN, G.G., dotsent, kand.tekhn.nauk; SHIFRIN, S.M., prof., doktor tekhn.nauk; ROTENBERG, A.S., red.izd-va; VORONETSKAYA, L.V., tekhn.red.

[Water-supply and sewerage manual] Spravochnik po vodosnabzheniiu i kanalizatsii. Pod red. N.F. Fedorova. Izd.2., ispr. i dop. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam. 1960. 420 p.

(MIRA 13:12)

1: Moscow. Vodokanalproyekt. Leningradskoye otdeleniye.
(Water-supply engineering) (Sewerage)

DRUYAN, Ya.M., kand.ekonom.nauk; ROKHCHIN, Ye.Z., inzh.-ekonomist;
SALAZKOV, N.P., tekhn.red.

[Directions and forms for drawing up a technical, industrial, and financial plan for city water-supply and sewerage systems] Uka-zaniia i formy po sostavleniiu tekhpromfinplana gorodskogo vodo-provoda i kanalizatsii. Moskva, 1959. 90 p. (MIRA 13:9)

1. Russia (1917- R.S.F.S.R.) Ministerstvo kommunal'nogo khozyaystva. 2. Sektor ekonomiki Leningradskogo nauchno-issledovatel'skogo instituta Akademii kommunal'nogo khozyaystva im. K.D. Pamfilova (for Druyan, Rokhchin).
(Water-supply engineering--Tables, calculations, etc.)
(Sewerage--Tables, calculations, etc.)

AGRANONIK, Ye.Z., kand.tekhn.nauk; BELOW, A.N., dotsent; GLADKOV, A.M., inzh.; GLUSKIN, S.A., inzh.; IVANOV, L.V., dotsent, kand.tekhn. nauk; LIPKIN, Ye.V., kand.tekhn.nauk; NIKIFOROV, G.N., dotsent, kand.tekhn.nauk; PESENSON, I.B., inzh.; PREGER, Ye.A., dotsent, kand.tekhn.nauk; PYATOV, Ya.N., inzh.; ROKHCHIN, Ya.Z., inzh.; FEDOROV, N.F., prof., doktor tekhn.nauk; SHVARTS, M.B., inzh.; SHIGORIN, G.G., dotsent, kand.tekhn.nauk; SHIFRIN, S.M., prof., doktor tekhn.nauk; POPRUGIN, I.V., inzh., retsenzent; KATS, K.F., inzh., retsenzent; ROTENBERG, A.S., red.izd-va; VORONETSKAYA, L.V., tekhn.red.

[Manual of water-supply engineering and sewerage] Spravochnik po vodosnabzheniiu i kanalizatsii. Pod red. N.F.Fedorova. Lenograd, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 410 p. (MIRA 13:3)

1. Moscow. Gosudarstvennyy proyektnyy institut Vodokanalproyekt.
Leningradskoye otdeleniye.
(Water-supply engineering) (Sewerage)

ARTEMOV, A.P.; AVDEY, V.E.-Ya.; ROKHCHINA, L.G.; DUBNER, M.I., kand.
tekhn.nauk, red.; MEDER, V.L., kand.tekhn.nauk, red.; PROKHOROV,
V.F., inzh.-mayor, red.; GRECHENKO, Ye.N., red.-leksikograf;
YAKIMOVICH, Yu.K., red.-leksikograf; ANIKINA, R.F., tekhn.red.

[German-Russian artillery dictionary] Nemetsko-russkii artille-
riiskii slovar'. Pod red. M.I.Dubnera i V.L.Medera. Moskva,
Voen.izd-vo M-va obor.SSSR, 1960. 436 p. (MIRA 13:4)
(Artillery--Dictionaries) (German language--Dictionaries--Russian)

ROKHINOV, R. D. (Moscow)

"The Main Features of Phylogenetic Relicts"

Soviet paper presented at 15th Intl. Congress of Zoology, London, 16-23 Jul 58

GRUZDEV, I.A., kand.tekhn.nauk; MAKSIMOV, Yu.A., inzh.; ROKHINSON, O.Z., inzh.

Effect of the characteristics of excitation systems and parameters
of large hydrogenerators on their dynamic stability. Izv. vys.
ucheb. zav., energ. 6 no.7:1-6 J1 '63. (MIRA 16:8)

1. Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina
(for Gruzdev, Maksimov). 2. Leningradskoye otdeleniye Gosudarstvennogo
proyektnogo instituta po izyskaniyu i proektirovaniyu gidroelektro-
stantsiy i hidroenergouzlov (for Rokhinson).
(Turbogenerators)

RUDNICKI, R. J.

Combined urea and acid-alkaline denaturation of globular protein. I. A. Bulankin, A. S. Nikonova, P. F. Rothkind, L. Ya. Penova, and E. V. Lubasova. Zh. nauch. fiz.-tekhn. khim. Russ., 24, 216-222 (1980). J. Russ. Phys.-Chem. Chem. Phys., 24, 216-222 (1980). Cf. C.A. 44, 3644g. It is deduced from viscosity, specific rotation, and pH that urea ruptures water bonds between globular protein branches, facilitating the process of electrostatic dilation, entering into bond formation with CONH groups, and binding the dilated mols. into a gel network. Clayton R. Holloway

- Chem Biochemistry

(4)
JULY 1980

ROKHKIND, I.I.

Nonstationary diffraction of electromagnetic waves [with summary
in English]. Vest. LGU 13 no.7:109-124 '58. (MIRA 11:5)
(Electric waves) (Differential equations, Partial)

AUTHOR: ROKHKIND, I.I.

43-7-12/18

TITLE: Nonstationary Diffraction of Electromagnetic Waves (Nestatsionarnaya diffraktsiya elektromagnitnykh voln)

PERIODICAL: Vestnik Leningradskogo Universiteta, Seriya Matematiki, Mekhaniki i Astronomii, 1958, Nr. 7 (2), pp 109-124 (USSR)

ABSTRACT: The author considers a somewhat extended Maxwell's system

$$\begin{cases} \varepsilon \frac{\partial \vec{E}}{\partial t} = \text{rot } \vec{H} - \sigma \vec{E} + \vec{j}_1 \\ \mu \frac{\partial \vec{H}}{\partial t} = -\text{rot } \vec{E} + \vec{j}_2 \end{cases}$$

in the finite cylinder $Q = \Omega \times [0, t_1]$, where Ω is an arbitrary domain in the space $\mathbf{x}(x_1, x_2, x_3)$ and $\varepsilon(\mathbf{x})$, $\mu(\mathbf{x})$, $\sigma(\mathbf{x})$ are positive piecewise continuous functions with discontinuities on the boundary F of Ω . The author seeks solutions satisfying the initial conditions $\vec{E}|_{t=0} = \vec{E}_0$, $\vec{H}|_{t=0} = \vec{H}_0$ with $\vec{E}_0, \vec{H}_0 \in L_2(\Omega)$, $\text{div } \mu \vec{H}_0 = 0$ and the boundary conditions $\vec{E}_\tau|_{F^+} = \vec{E}_\tau|_{F^-}$,

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$$\vec{H}_\tau|_{F^+} = \vec{H}_\tau|_{F^-} (\vec{E}_\tau \text{ and } \vec{H}_\tau \text{ are tangential components}).$$

Instationary Diffraction of Electromagnetic Waves

43-7-12/18

The solution is given by virtue of the process of Ladyzhenskaya [Ref. 1] by extending the given classical problem such that the boundary conditions enter into an integral identity which contains two arbitrary vector functions and which replaces the Maxwell's equations as well as the initial conditions. The solution of the identity is given by difference methods and from the obtained generalized solution there follows the classical one. The author proves the theorem of existence, investigates the differential properties of the solution and finally the uniqueness is proved.
2 Soviet references are quoted.

SUBMITTED: 1 February 1957

AVAILABLE: Library of Congress

Card 2/2 1. Electromagnetic wave-Diffraction 2. Mathematical analysis

ROKHIND, S.Ye.

Recurrence of salvarsan toxidermia following the injection of
biioquinol. Vest.derm. i ven. 31 no.4:56 Jl-Ag '57. (MIRA 10:11)

1. Iz Tkvarchel'skogo kozhno-venerologicheskogo dispansera
Abkhazskoy ASSR.
(SALVARSAN--TOXICOLOGY) (BISMUTH--TOXICOLOGY)

ROKHIN, V.A.

24736. ROKHIN, V.A. Ob-zndomorfizmakh Kompaktnukh Kommytativnukh Grupp. Izvestiya
Akad. Nauk Sssr, Seriya-Matem, 1949, No. 4, S. 329-40.--Bibliogr: 9 Nazv.

SO: Letopis' No. 33, 1949

ROKHLENKO, A.I.

Useless book ("Multiple system circular knitting machine" by V.N.
Garbaruk, L.P.Kogan. Reviewed by A.I.Rokhlenko) Tekst.prom.
19 no.4:84-85 Ap '59. (MIRA 12:6)
(Knitting machines)
(Garbaruk, V.N.) (Kogan, L.P.)

L 22124-66 EMT(1)
ACC NR: AF6004925

SOURCE CODE: UR/0056/66/050/001/0093/0101
334
13

AUTHOR: Rokhlenko, A. V.

ORG: Institute of Problems of Materials Research, Academy of Sciences, Ukrainian SSR (Institut problem materialovedeniya Akademii nauk Ukrainsoy SSR)

TITLE: Bound states of a nonlocal separable potential

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 50, no. 1, 1966,
93-101

TOPIC TAGS: potential scattering, S matrix, scattering amplitude, nuclear theory,
weak nuclear interaction , nuclear energy level

ABSTRACT: This is a continuation of earlier work by the author (ZhETF v. 47, 896,
1964) dealing with an exact expression for the partial amplitudes of the S matrix
for nonrelativistic²¹ scattering from a nonlocal separable potential, and its ana-
lytic structure in the k plane. This exact expression is used in the present paper
to develop a theory of the bound states of a nonlocal separable potential, to ob-
tain the possible number of such bound states for a given interaction, and to de-
termine the characteristics of the energy levels. It is shown that the number of
bound states does not exceed the number of "attractive" terms in the potential

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function, and that the energy levels depend monotonically on the common coupling constant and on the partial coupling constants characterizing each interaction term. The number of bound states and the position of the lowest energy level are estimated. It is concluded that a nonlocal separable potential can be very convenient for many practical calculations, since the nonlocal separable potential is a model which leads to closed solutions of problems in which the forces acting in the system are not sufficiently known, as is the case in nuclear theory. This applies in particular to systems with a limited and a known number of bound states. The fewer levels there are in the system, the simpler the model for the calculations, although good results can be expected in the case of more complicated systems, too. The author thanks Yu. V. Tsekhmistrenko for help during the course of the investigations. Orig. art. has: 1 figure and 48 formulas.

SUB CODE: 20/ SUBM DATE: 12May65/ ORIG REF: 004/ OTH REF: 002

Card 2/2 BK

L 11957-65 EWT(1) IJP(c)

ACCESSION NR: AP4046405

S/0056/64/047/003/0896/0901

AUTHOR: Rokhlenko, A. V.

TITLE: Analytic properties of the scattering matrix for a class of nonlocal potentials

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 47, no. 3, 1964, 896-901

TOPIC TAGS: scattering matrix, analyticity, nonlocal potential, Regge pole

ABSTRACT: The analytic structure of the S-matrix for an extensive class of nonlocal separable potentials in the complex k-plane is investigated in detail in the nonrelativistic approximation. It is pointed out that the earlier study by Cushing (Nuovo Cim. v. 28, 818, 1963) and McMillan (Nuovo Cim. v. 29, 1043, 1963), which dealt with the properties of Regge trajectories, were restricted as to

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L 11957-65
ACCESSION NR: AP4046405

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the class of nonlocal potentials. By carrying out the more detailed investigation in the plane of the energy variable, it becomes possible to use functions of a considerably broader class. The existence of poles of the partial amplitudes of the S-matrix in the lower half-plane of the energy variable k is proved for certain selected functions. The author proposes to apply the Regge formalism for this case in the future. Orig. art. has: 2 figures and 26 formulas.

ASSOCIATION: None

SUBMITTED: 25Dec63

ENCL: 00

SUB CODE: NP NR REF SOV: 000

OTHER: 004

Card 2/2

ROKHLENKO, A.V.

Analytic properties of the scattering matrix for a class of nonlocal
potentials. Zhur. eksp. i teor. fiz. 47 no.3:896-901 S '64.
(MIRA 17:11)

PIOTROVSKII, A.V.; LAVRENSHO, V.A.

Method for determining the extent of gas atomization in a flow
and the catalytic efficiency of metallic surfaces in the recom-
bination of atoms. Dokl. AN SSSR 160 no.2:398-401 Ja '65.

(MIRA 18:2)

I. Institut problem materialovedeniya AN SSSR. Submitted July 10,
1964.

L 34085-65 EPF(c)/EWP(j)/EWT(m)/EWP(b)/EWA(d)/EWP(t) Re-4/Pr-4 RM/JD

ACCESSION NR: AP5004601

S/0020/65/160/002/0398/0401

25
24
B

AUTHOR: Rokhlenko, A. V.; Lavrenko, V. A.

TITLE: Method of determining the degree of atomization of a gas in a stream and the catalytic effectiveness of metal surfaces in atom recombination processes

SOURCE: AN SSSR. Doklady, v. 160, no. 2, 1965, 398-401

TOPIC TAGS: metal catalyst, surface catalysis, catalytic hydrogenation, atom recombination, gas atomization, gas diffusion

ABSTRACT: The authors note that the methods which have been theoretically elaborated for estimating the effectiveness of surfaces in recombination reactions are tied in with experiments which can be carried out in a diffusion tube (the Smith method (W. V. Smith, J. Chem. Phys., 11, No. 3, 110, 1943)). Specifically, H. Wise and C. M. Ablow (J. Chem. Phys., 29, No.3, 110, 1943) considered, for this case, the diffusion and heterogeneous reaction of labile particles in a cylinder of finite length, while B. M. Wood and A. B. King (J. Chem. Phys., 35, No. 4, 1530, 1961) investigated a situation in which the cylinder of infinite length is replaced by a catalytic probe, and Dickens, Schofield and Walsh (Trans. Farad. Soc., 56, No. 446, 225, 1960) have provided the derivation and numerical solution of a

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ACCESSION NR: AP5004601

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three-dimensional diffusion equation. There is further evidence that a consideration of diffusion is essential in experiments conducted in a stream of gas. Attention is called to the fact that a weakness in experimental procedures of this type is the need to determine the degree of atomization of the gas in the stream. This latter circumstance is seen as requiring the introduction of a great deal of complexity into the experimental methodology, and, in some cases at least, the application of radiospectroscopic techniques. The method outlined in the present article makes it possible to determine directly the gas atom recombination factors on the surface of a solid body and, at the same time, the degree of gas atomization in the stream. Correspondingly, the thermal effects of the probes can be determined, for example, in accordance with the method developed by S. Roginsky and A. Schechter (Acta Phys. Chim. URSS, 1, 388, 1934). An axially-symmetrical problem is considered for a cylindrical tube of diameter $2R$ with an axis which coincides with the x -axis. The atomic concentration is assumed to be so small that homogeneous recombination can be disregarded and particle absorption occurs only at two sections of the tube where the absorbing probes are located. It is further assumed that the probes do not disturb the moving stream (traveling along the x -axis at velocity v) from the point of view of aerodynamics. Two expressions are derived which represent a system of two algebraic equations with respect to two

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unknown quantities; the recombination factor and the atomic concentration. Generally speaking, this system does not make it possible to obtain a closed solution because of the fact that it contains infinite sums which, it is true, converge rapidly. Through limitation to a finite number of terms, equations can be solved with any degree of accuracy. On the basis of the method described in this article, experiments are reported on hydrogen atom recombination on the surfaces of pure copper at a gas pressure of 0.194 mm of mercury. The results of these experiments are discussed briefly. Orig. art. has: 20 formulas.

ASSOCIATION: Institut problem materialovedeniya Akademii nauk UkrSSR (Materials science problems institute, Academy of sciences, UkrSSR)

SUBMITTED: 06Ju164

ENCL: 00

SUB CODE: GC, ME

NO REF SOV: 005

OTHER: 007

Card 3/3

KORSHUNOV, B.M.; KORELINSKII, D.A.

Chlorination of metal oxides in fused salts. Zhur. prikl. khim.
37 no.9:1921-1926 S '64. (MERA 17:16)

GONIK, A.A.; ZOTOV, G.A.; ROKHLENKO, D.B.; GATSKEVICH, V.A., red.

[Profitable types of rafts] Rentabel'nye tipy plotov. [Moskva]
M-vo lesnoi promyschl. SSSR [1957] 12 p. (MIRA 11:11)
(Lumber--Transportation)

ZOTOV, G.A., ROKHLENKO, D.B.; RANTSEV, A.A., red.

[Krestets logging camp of the Central Scientific Research Institute
for Mechanization and Power Engineering in the Forest Industry]
Krestetskii lespromkhod TsNIIME. [N.p.] M-vo lesnoi promyshl.
RSFSR, 1957. 20 p. (MIRA 11:11)
(Krestets--Lumbering)

ROKHLENKO, D.B., red.

[Brief technological characteristics of new lumbering machinery and equipment designed by the Central Scientific Research Institute of Mechanization and the Use of Power in Lumbering] Kratkie tekhnicheskie kharakteristiki novykh lesozagotovitel'nykh mashin i oborudovaniia konstruktsii TsNIIME. [n.p.], 1962. 197 p. (MIRA 17:8)

l. Khimki. TSentral'nyy nauchno-issledovatel'skiy institut mekhanizatsii i energetiki lesnoy promyshlennosti.

ROKHLENKO, D.B.

Practices in organizing a photograph collection in the science
and technology information department of the Central Research
Institute for Mechanization and Power Engineering in the Forest
Industry. NTI no. 6:11-12 '65. (MJRA 18:9)

ROKHLENKO, D.Ya., FRELLEL', P.P. (Moskva)

Decreasing the harmful effects of operating the 2^{KMP} pneumatic hammer. Gig.truda i prof.zab 2 no.3:55-56 My-Je '58 (MIRA 11:6)
(VIBRATION--PHYSIOLOGICAL EFFECT)
(PNEUMATIC TOOLS--HYGIENIC ASPECTS)

KAFTANOVSKAYA, Aleksandra Mikhaylovna; NIKITINSKIY, Vasiliy Ivanovich;
SAKHAROVA, I.M., red.; ROKHLENKO, K.N., red.; SHCHEDRINA, N.L.,
tekhn. red.

[Labor passports of workmen and employees] Trudovye knizhki ra-
bochikh i sluzhashchikh. Moskva, Gos.izd-vo iurid.lit-ry, 1961.
(MIRA 14:12)

62 p.

(Labor passports)

ROKHLENKO, M.A., inzh.; SMOLENSKIY, B.L., inzh.

Reversible self-disengaging chucks for screw taps. Mashinostroitel'
no.10:24-25 O '58. (MIRA 11:10)
(Chucks)

SOV/121-58-9-14/21

AUTHORS: Smolenskiy, B.L. and Rokhlenko, M.A.
TITLE: Rapid Action Chucks with Pneumatic Actuation (Bystrod-eystvuyushchiye patrony s pnevmaticheskim privodom)
PERIODICAL: Stanki i Instrument, 1958, Nr 9, p 39
ABSTRACT: Pneumatically actuated, spring-loaded three-jaw chucks and collets made at the Kiyevskiy mekhanicheskiy zavod (Kiyev Engineering Works) are illustrated in cross-sectional drawings. The working principle is the clamping by spring pressure and release by a force pneumatically produced in a large flat cylinder. Stacks of Belleville washers are used as compression springs. There are 3 figures.

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SMOL'ISKIY, B.L.; ROKHLENKO, M.A.

Air-driven high-duty chucks, Stan. 1 instr. 29 no. 9:39
(MIRA 11:10)
S 158.
(Chucks)

SOV/117-58-12-8/36

AUTHORS: Smolenskiy, B.L. and Rokhlenko, M.A., Engineers

TITLE: Jaw-Vises for Machine Tools and Benches Equipped With Fast-Operating Pneumatic Clamps (Stanochnyye i verstachnyye tiski, osnashchennyye bystrodeystvuyushchimi pnevmaticheskimi zazhimnnimi)

PERIODICAL: Mashinostroitel', 1958, Nr 12, pp 10 - 13 (USSR)

ABSTRACT: A relatively simple and cheap, fast-operating pneumatic clamping device to be fitted on existing machine tools and benches has been developed and brought into use. The characteristic feature in the design of the pneumo-drive is the possibility to maintain the manual drive for resetting the jaw and for fastening the parts in case of a drop in air pressure. Information is given on the setting of movable and immovable pneumatic clamps on machine tools and benches. For heavy percussion work, a special drive with a tapered clamp was designed where the compressed air is applied only at the moment of fastening or releasing the part. For light, filing bench work, cast iron jaw-vises are being used with a special multi-cylinder fast-operating pneumatic clamp which has no cranks, and where the drive force is directly

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SOV/117-58-12-8/36

Jaw-Vises for Machine Tools and Benches Equipped With Fast-Operating Pneumatic Clamps

transmitted to the nut of the jaw-vises. Rubber rings are used for packing the cylinders. Air feed to the cylinders is performed by a two-way crane with a reductor. The possibility to control the clamping force by the air feed reductor is a characteristic peculiarity in the crane design. Detailed descriptions of the design and operation of the aforementioned devices are given. There are 5 diagrams.

Card 2/2

SMOLENSKIY, B.L. , inzh.; ROKHLENKO, M.A., inzh.

Machine-tool and bench jaw vises equipped with high-speed pneumatic
clips. Mashinostroitel' no.12:10-13 D '58. (MIRA 11:12)
(Vises)

SOV-117-58-4-13/21

AUTHORS: Rokhlenko, M.A., and Smolenskiy, B.L., Engineer

TITLE: Quick-Exchange Chucks for Drilling Machines (Bystrosmennyye patrony dlya sverlil'nykh stankov)

PERIODICAL: Mashinostroitel', 1958, Nr 4, p 35 (USSR)

ABSTRACT: The article contains illustrated design and operation information on two kinds of self-clamping chucks for drills, one with three rollers and the other with three eccentric cams. The chucks are permanently fixed on the machine spindle and permit exchange of drills without stopping the machine. The design is such that all parts can be made at any plant with the use of common machine tools.
There are 2 sets of drawings.

1. Drilling machines--Equipment

Card 1/1

AUTHOR: Rokhlenko, K.A. and Smolenskiy, B.L., Engineers SOV117-58-10-18/35

TITLE: A Reversible Self-Disconnecting Chuck for Screw Taps (Reversivnyy samovyklyuchayushchiysya patron dlya metchikov)

PERIODICAL: Mashinostroitel , 1958, Nr 10, pp 24 - 25 (USSR)

ABSTRACT: Recently, drills with various protective self-disconnecting chucks have been largely used to mechanize the threading of screw taps. The article describes a reversible self-disconnecting chuck for screw taps (fig. 1) which has eliminated several defects of former types. It is of low weight, small dimensions, and its simple design permits manufacturing with ordinary metal-cutting equipment. Depending on the diameter of the desired thread, three kinds of chucks are made: for threads up to 3 mm, between 3 and 14 mm and above 14 mm. There is 1 figure.

1. Taps--Equipment

Card 1/1

SMOLENSKIY, B.L.; ROKHLENKO, M.A.

Modernizing turret lathes. Stan. 1 instr. 30 no.1:15-17 Ja '59.
(MIRA 12:1)

(Lathes)

SMOLENSKIY, Boris Lipovich, inzh.; ROKHLENKO, Mikhail Abramovich, inzh.;
POSTERNYAK, Ye.F., inzh., red.; GVIITS, V.L., tekhn.red.

[Over-all modernization of the 1336-type turret lathes] Kompleksnaia
modernizatsiia tokarno-revol'vernykh stankov tipa 1336. Leningrad,
1959. 13 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy.
Obmen peredovym opyтом. Seriia: Modernizatsiia i remont oborudova-
niia, vyp.4). (MIRA 13:3)

(Lathes)

PECHONYY, Khaim Davidovich.; ROKHLENKO, Mikhail Abramovich.; TSIBRENSKO,
Karl Pavlovich.; YANCHENKO, Ye. F., kand. tekhn. nauk, retsenzent.;
TREYVAS, A.B., prof., red.

[Repair of grain harvesting combines] Remont zernouborochnykh kombainov.
Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 315 p.
(MIRA 11:12)
(Combines(Agricultural machinery)--Maintenance and repair)

SMOLENSKIY, B.L., inzh.; ROKHLENKO, M.A., inzh.

New self-centering pneumatic three-jawed chuck. Mashinostroitel'
no.1:18-19 Ja '60. (MIRA 13:4)
(Chucks)

SMOLENSKIY, B. L. [Smolens'kiy, B. L.], inzh.; ROKHLENKO, M. A., inzh.

Device for automatic removing of the cutting tool in cutting
external thread. Mekh. sib'. 12 no. 10-13 0 '61.
(MIRA 14:11)

(Screw-cutting machines)

ROKHLENKO, M.A.; SMOLENSKIY, B.L.

Attachments for threading small nuts. Stan.i instr. 32 no.10:
(MIRA 14:9)
36-37 O '61.
(Screw cutting)

SMOLENSKIY, B.L. [Smolens'kyi, B.L.], inzh.; ROKHLENKO, M.A., inzh.

Revolving head for a turning lathe. Mekh. sil'. hosp. 12
no.12:9 D '61. (MIRA 17:1)

SMOLENSKIY, B.L.; ROKHLENKO, M.A.

Turret for the tailstock of lathes. Stan.i instr. 32 no.12:3⁴
D '61. (MIRA 14:12)
(Lathes)

SMOLENSKIY, B.L. [Smolens'kyi, B.L.], inzh.; ROKHLENKO, M.A., inzh.

Forced lubrication of the guiding frame of a turning lathe. Mekh.
sil'. hosp. 13 no.9:8 S '62. (MIRA 17:3)

SMOLENSKIY, B.L.; ROKHLENKO, M.A.

Universal attachment for machining spherical surfaces.
Stan. i instr. 33 no. 2:41-42 F '62. (MIRA 15:1)
(Lathes--Attachments)

SMOLENSKIY, B.L.; ROKHLENKO, M.A.

New manual pneumatic shears. Mashinostroitel' no.3:40 Mr 162.
(MIRA 15:3)

(Shears (Machine tools))

IVCHENKO, A.G.; SMOLENSKIY, B.L.; ROKHLENKO, M.A.

Automation of the centerless grinding machine. Stan.i instr. 33
no. 3:40-42 Mr '62. (MIRA 15:2)
(Grinding machines) (Automatic control)

IVCHENKO, A.G.; ROKHLENKO, M.A.; SMOLENSKIY, B.L.

Automatic feed of thread-rolling machines. Mashinostroitel'
no.4:6 Ap '62. (MIRA 15:5)
(Feed mechanisms)

SMOLENSKIY, B.L.; ROKHLENKO, M.A.

Automatic machine for straightening plate parts. Stan. i instr.
33 no.5:40-41 My '62. (MIRA 15:5)
(Machine tools)

IVCHENKO, Anatoliy Georgiyevich; ROKHLENKO, Mikhail Abramovich;
SMOLENSKIY, Boris Lipovich ; NATALICH, D.D., inzh.,
retsenzent; VUL'FSON, D.L., inzh., red.; POLIPENKO, Yu.P.,
inzh., red.; GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Modernization of universal metal-cutting equipment] Moderni-
zatsiia universal'nogo metallorezhushchego oborudovaniia.
Moskva, Mashgiz, 1962. 153 p. (MIRA 15:7)
(Machine tools--Technological innovations)

SMOLENSKIY, B.L.; ROKHLENKO, M.A.

Self-adjusting chuck. Stan.1 instr. 33 no.6239-40 Je '62.
(MIRA 15:?)
(Chucks)

ROKHLENKO, M.A., inzh.

Self-adjusting chuck. Nekh. sili. hosp. 13 no. 7:24-25 Jl '62.
(MIRA 17:3)

SMOLENSKIY, B.L.; GOSPODARCHUK, I.L.; ROKHLENKO, M.A.

Upsetting anchor nuts on a three-stroke automatic 8ZVA cold header. Kuz.-shtam.proizv. 4 no.8:45-46 Ag '62. (MIRA 15:8)
(Forging machines)

SMOLENSKIY, B. L.; GOSPODARCHUK, I. L.; ROKHLENKO, M. A.

Automatic machine for countersinking chamfers. Mashinostroitel'
(MIRA 16:1)
no.12:7 D '62.

(Machine tools)

ROKHLENKO, M.A.; SMOLENSKIY, B.L.

Manual pneumatic clamps for power riveting. Kuz.-shtam. proizv. 5 no.1:
42-43 Ja '63. (MIRA 16:2)

(Pneumatic tools)

(Rivets and riveting)

SMOLENSKIY, B.L.; ROKHLENKO, M.A.

Power wrench with a pulse-percussion mechanism and pneumatic drive. Stan.1 instr. 34 no.1:41-43 Ja '63. (MIRA 16:2)
(Wrenches)

SMOLENSKIY, B.L.; ROKHLENKO, M.A.

Modernization of a laying-out milling machine. Stan.i instr.
34 no.2:39-40 F '63. (MIRA 16:5)
(Milling machines)

S/121/63/000/002/010/010
D040/D112

AUTHORS: Smolenskiy, B.L., and Rokhlenko, M.A.

TITLE: Modernization of milling cut-out machine

PERIODICAL: Stanki i instrument, no. 2, 1963, 39-40

TEXT: A hydraulic drive has been provided for the milling head of a machine for cutting sheet metal piles in which the cutter is guided around a template on the pile. The milling head is mounted on a shout moving axially and swinging by 180°. Manual guiding of the milling head, in which the guide roll had to be pressed against the template edge, imposed physical strain on the operator. With the new hydraulic drive the operator has only to incline a control lever to move the milling head in the required direction; as the counterpressure of oil tends to return the lever to its initial position, the operation is similar to manual operation, so that no new skills have to be acquired. The drive has raised productivity, improved cutting quality, and eliminated physical strain. The design and operation of the drive is described in detail and illustrated by drawings. There is 1 figure.

Card 1/1

SMOLENSKIY, B.L.; ROKHLENKO, M.A.

Punch for the upsetting of semicircular cylindrical screw
heads with straight slots. Kuz.-shtam. proizv. 5 no.6:45-
46 Je '63. (MIRA 16:8)

ROKHLENKO, M.I.; SMOLENSKIY, B.L.

New dynamometers. Mashinostroitel' no.7:24 J1 '63. (MIRA 16:9)
(Dynamometers)

ROKHLENKO, M.A.; SMOLENSKIY, B.L.

Hand vacuum suction devices. Stan.i instr. 34 no.7:37 Jl '63.
(MIRA 16:9)
(Implements, tools, etc.)

SMOLENSKIY, B.L.; ROKHLENKO, M.A.

Semiautomatic control of the dinking and cogging of self-centering nut slots. Kuz..shtam.proizv. 5 no.7:40-41 Jl '63.
(MIRA 16:9)

ROKHLENKO, M.A., inzh.

Checking the quality of the press fit of a pressure lubricator.
Nekn. sil'. hosp. 14 no.10:27 0 '63. (MIRA 17:2)

SMOLENSKIY, B.L.; ROKHLENKO, M.A.

Pneumatic pliers for cutting steel rods and angle brackets.
Mashinostroitel' no.12&17 D '64. (MIRA 18:2)

Oppenheimer, R. (John) [REDACTED]

17761 17761 17761 17761 17761 17761 17761 17761 17761 17761
Source: [REDACTED] (MTR: 17-10)

ROKHLENKO, M. A.; SMOLENSKII, B. I.

Control of pneumatic-tool noise. 'Mashinostroitel' no. 5(40-41) My '65.
(MIRA 13:5)

SMOLENKOV, B.I., ROKHLENKO, M.A.

Devices for testing screw threads with circulating balls. Izm.tekh.
no.9:10-12 S '65. (MIRA 18:10)

ROKHLENKO, M.A.; SMOLENSKIY, B.L.

Device for checking the quality of press-fitting of pressure
lubricators. Stan. i instr. 36 no. 5336 My '65. (MIRA 18:5)

NOLENSKIY, Boris Lipovich; ROKHLENKO, Mikhail Abramovich;
REYZINA, Gita Lipovna; VYSHKIND, L.Ya., red.

[Devices for measuring the diameters of annular grooves in
holes] Fribory dlia izmerenija diametrov kol'tsevykh kanavok v otverstiiakh. Leningrad, 1965. 21 p.
(MIRA 18:5)

ROKHLENKO, M.A.; GVOLEVSKIY, B.B.

Devices for measuring the diameters of annular grooves in
holes. Izm. tekhn. no.5:57-58 My '65. (MIRA 12:8)

ROKHLENKO, M.A.; SMOLENSKIY, B.L.

Suction pump for chips. Mashinostroitel' no.12:40 D '65.
(MIRA 18:12)

ROKHLENKO, M. A. and ERISH, I. M.

"Gas-Cylinder Automobiles," 2nd edition, State Sci-Tech Publishing Office
of Machine-Construction Literature, Kiev-Moscow, 1953

Translation of TAECON and Section II D249572, 10 May 55

ZAGURSKIY, Vitaliy Ivanovich; ROKHLENKO, M.A., inzh., retsenzent;
NIKIFOROVA, R.A., inzh., red.; GORNOSTAYPOL'SKAYA, M.S.,
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[Automated manufacture of threaded fastenings] Avtomatizirovannoe proizvodstvo rez'bovykh krepezhnykh detalei. Moskva, Mashgiz,
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(Fastenings) (Automation)

YERISH, I.M.; ROKHLENKO, M.A. [authors]; KUSHPEL', P.S., inzhener [redaktor].

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140 p.

(MLRA 6:8)

(Automobiles) (Gas as fuel)

GAPANOVICH, N.S.; KRAYZ, I.Ya.; REVA, L.P.; ROKHLENKO, M.A.

[Materials for the operation and repair of automobiles] Materialy dlia
eksploatatsii i remonta avtomobilei. Kiev, Gos.sauuchno-tekhn. izd-vo
mashinostroit. i sudostroit. lit-ry [Ukr.odd-nie] 1953. 292 p. (MLRA 7:6)
(Automobiles--Repairing) (Automobiles--Apparatus and supplies)

KRAVCHENKO, A.D., inzh.; Prinimala uchastiye: ROKHLENKO, R.

Studying the effect of moisture on the deformation of shoe upper materials in cases of two-dimensional stretching. Izv.vys.ucheb. zav.; tekhn.leg.prom. no.6:84-91 '61. (MIRA 14:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti. Rekomendovana kafedroy tekhnologii obuvnogo proizvodstva Kiyevskogo tekhnologicheskogo instituta legkoy promyshlennosti.

(Shoe manufacture)
(Strains and stresses)

OVECHKIS, Ye.S.; VASILETS, T.A.; ROKHLENKO, R.M.

Methodology for determining the tensile strength of leather
raw materials. Kozh.-obuv. prom. 6 no.2:24-27 F'64.
(MIRA 17:5)

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Intensity of oxygen consumption by myeloid tissue in some mental diseases. Zhur.nevr. i psikh. 63 no.12:1853-1855 '63. (MIRA 18:1)

1. Kafedra psichiatrii i kafedra farmakologii (zav. - prof. S.P. Zakrividoroga) Chernovitskogo meditsinskogo instituta i Chernovitskaya psikhonervologicheskaya bol'niitsa.

ROKHLENKO, S.Z.

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(DELIRIUM)

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(MARROW) (ANTIBIOTICS)

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1. Kafedra tekhnologii sudovogo mashinostroyeniya Leningradskogo
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of Zvezdochka, Moscow, prepared by staff, 1945.
179 p.]

ROKHLIN, D.G., prof.; KOSINSKAYA, N.S., prof., otv. red.; GESSEN,
A.I., dots., red.

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(LENINGRAD—RADIOLOGY, MEDICAL—STUDY AND TEACHING)

ROKHLIN, D.G., ZADVORNOVA, V.P.

Dynamic roentgenologic data on condition of the gastrointestinal system following total gastrectomy in cancer.
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1. Professor, Corresponding Member AMS USSR for Rokhlin;
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ROKHLIN, D.G., prof.

Varvara Sergeevna Maikova-Stroganova; obituary. Vest. rent i rad.
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(MAIKOVA-STROGANNOVA, VARVARA SERGEEVNA)

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ROKHLIN, D.G., prof.

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1. Chlen-korrespondent AMN SSSR.
(BONES—DISEASES) (BONES—RADIOGRAPHY)
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MAYKOVA-STROGOANOVA, Varvara Sergeyevna, prof.; ROKHLIN, Dmitriy Gerasimovich, prof.. Prinimal uchastiye: FINKEL'SHTEYN, M.A., starshiy nauchnyy sotrudnik. ABRAMOV, Sh.I., red.; RULEVA, M.S., tekhn.red.

[Bones and joints in X-ray photography; extremities] Kosti i sostavy v rentgenovskom izobrazhenii; konechnosti. Leningrad, Gos.izd-vo med.lit-ry, Leningr.otd-nie, 1957. 482 p. (MIRA 12:11)

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